

Marco Zannotti

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Recent Advances in Graphene Based TiO ₂ Nanocomposites (GTiO ₂ Ns) for Photocatalytic Degradation of Synthetic Dyes. <i>Catalysts</i> , 2017, 7, 305.	1.6	124
2	Enhancement of visible-light photoactivity by polypropylene coated plasmonic Au/TiO ₂ for dye degradation in water solution. <i>Applied Surface Science</i> , 2018, 441, 575-587.	3.1	78
3	Reduced Graphene Oxide/TiO ₂ Nanocomposite: From Synthesis to Characterization for Efficient Visible Light Photocatalytic Applications. <i>Catalysts</i> , 2018, 8, 598.	1.6	55
4	Biogenic Synthesis of Copper Nanoparticles Using Bacterial Strains Isolated from an Antarctic Consortium Associated to a Psychrophilic Marine Ciliate: Characterization and Potential Application as Antimicrobial Agents. <i>Marine Drugs</i> , 2021, 19, 263.	2.2	53
5	Visible light photoactivity of Polypropylene coated Nano-TiO ₂ for dyes degradation in water. <i>Scientific Reports</i> , 2016, 5, 17801.	1.6	49
6	Band Gap Implications on Nano-TiO ₂ Surface Modification with Ascorbic Acid for Visible Light-Active Polypropylene Coated Photocatalyst. <i>Nanomaterials</i> , 2018, 8, 599.	1.9	44
7	SERS Activity of Silver Nanosphere, Triangular Nanoplates, Hexagonal Nanoplates and Quasi-Spherical Nanoparticles: Effect of Shape and Morphology. <i>Coatings</i> , 2020, 10, 288.	1.2	37
8	Ni Mg Mixed Metal Oxides for p-Type Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24556-24565.	4.0	34
9	Tuning of hydrogen peroxide etching during the synthesis of silver nanoparticles. An application of triangular nanoplates as plasmon sensors for Hg ²⁺ in aqueous solution. <i>Journal of Molecular Liquids</i> , 2020, 309, 113238.	2.3	33
10	Aggregation and metal-complexation behaviour of THPP porphyrin in ethanol/water solutions as function of pH. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 235-248.	2.0	29
11	Observation of the Main Natural Parameters Influencing the Formation of Gas Hydrates. <i>Energies</i> , 2021, 14, 1803.	1.6	27
12	Silver Nanoparticle-Based Sensor for the Selective Detection of Nickel Ions. <i>Nanomaterials</i> , 2021, 11, 1733.	1.9	27
13	Exfoliation of graphite into graphene in aqueous solution: an application as graphene/TiO ₂ nanocomposite to improve visible light photocatalytic activity. <i>RSC Advances</i> , 2016, 6, 93048-93055.	1.7	26
14	Spectroscopic studies of porphyrin functionalized multiwalled carbon nanotubes and their interaction with TiO ₂ nanoparticles surface. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 22-29.	2.0	20
15	Kinetic Model for Simultaneous Adsorption/Photodegradation Process of Alizarin Red S in Water Solution by Nano-TiO ₂ under Visible Light. <i>Catalysts</i> , 2016, 6, 84.	1.6	17
16	Optimization of the Extraction from Spent Coffee Grounds Using the Desirability Approach. <i>Antioxidants</i> , 2020, 9, 370.	2.2	16
17	Reduced Graphene Oxide-NiO Photocathodes for p-Type Dye-Sensitized Solar Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 7345-7353.	2.5	15
18	Equilibrium and Kinetic Aspects in the Sensitization of Monolayer Transparent TiO ₂ Thin Films with Porphyrin Dyes for DSSC Applications. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-9.	1.4	14

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19	May sediments affect the inhibiting properties of NaCl on CH ₄ and CO ₂ hydrates formation? an experimental report. <i>Journal of Molecular Liquids</i> , 2022, 359, 119300.	2.3	12
20	HPLC-DAD-ESI/MS Identification of Light Harvesting and Light Screening Pigments in the Lake Sediments at Edmonson Point. <i>Scientific World Journal</i> , The, 2013, 2013, 1-9.	0.8	8
21	Kinetic evidence for the effect of salts on the oxygen solubility using laboratory prototype aeration system. <i>Journal of Molecular Liquids</i> , 2015, 211, 656-666.	2.3	7
22	Sensing Behavior of Metal-Free Porphyrin and Zinc Phthalocyanine Thin Film towards Xylene-Styrene and HCl Vapors in Planar Optical Waveguide. <i>Nanomaterials</i> , 2021, 11, 1634.	1.9	7
23	Metallic Effects on p-Hydroxyphenyl Porphyrin Thin-Film-Based Planar Optical Waveguide Gas Sensor: Experimental and Computational Studies. <i>Nanomaterials</i> , 2022, 12, 944.	1.9	6
24	Substituent Effect on Porphyrin Film-Gas Interaction by Optical Waveguide: Spectrum Analysis and Molecular Dynamic Simulation. <i>Materials</i> , 2020, 13, 5613.	1.3	5
25	Determination of the refractive index and wavelengthâ€dependent optical properties of fewâ€layer CrCl within the Fresnel formalism. <i>Journal of Microscopy</i> , 2021, 283, 145-150.	0.8	5
26	Fatty acid composition, squalene and elements in apple by-products: comparison between ancient cultivars and commercial varieties. <i>European Food Research and Technology</i> , 0, , 1.	1.6	0